

**PCT****GENERAL POWER OF ATTORNEY**

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned:

**GENENCOR INTERNATIONAL, INC.**  
4 Cambridge Place  
1870 South Winton Road  
Rochester, New York 14618  
United States of America

hereby appoints the following persons as agents:

**HORN, Margaret A.**, Registration No. 33,401; and  
**STONE, Christopher L.**, Registration No. 35,696  
**ANDERSON, Kirsten A.**, Registration No. 38813  
**Debra J. Glaister**, Registration No. 33,888

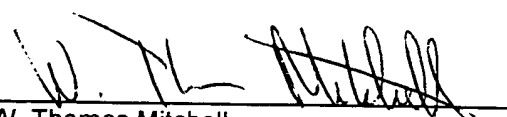
at **GENENCOR INTERNATIONAL, INC.**  
925 Page Mill Road  
Palo Alto, CA 94304-1013  
United States of America

to represent the undersigned before **ALL THE COMPETENT INTERNATIONAL AUTHORITIES**  
in connection with any and all international applications filed by the undersigned with the  
following Offices:

United States and European Receiving Offices;  
World Intellectual Property Organization;  
European Patent Office;

and to make or receive payments on behalf of the undersigned.

By:

  
W. Thomas Mitchell  
President and Chief Executive Officer

Date: 6 February 1997

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(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned:

**BOWER, Benjamin S., 320 Esplanade Drive, Apt. 39, Pacifica, California 94044;**  
**FOWLER, Timothy, 1979 Eaton Avenue, San Carlos, California 94070; and**  
**PHILLIPS Jay I., 785 Barron Avenue, Palo Alto, California 94306**

hereby appoints the following persons as agents:

**HORN, Margaret A., Registration No. 33,401**  
**STONE, Christopher L., Registration No. 35,696**  
**ANDERSON, Kirsten A., Registration No. 38813**  
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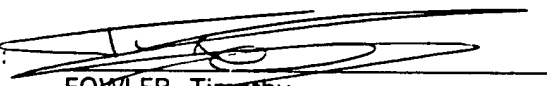
This 9<sup>th</sup> day of December 1998

By:

  
BOWER, Benjamin S.

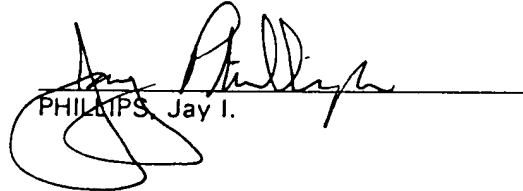
This 9<sup>th</sup> day of December 1998

By:

  
FOWLER, Timothy

This 9<sup>th</sup> day of December 1998

By:

  
PHILLIPS, Jay I.